

OIL AND GREASE PARTITION-GRAVIMETRIC METHOD SM 5520 B 20 <sup>TH</sup> ED					
Facility Name: _____ VELAP ID _____					
Assessor Name: _____ Analyst Name: _____ Inspection Date _____					
Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Records Examined: SOP Number/ Revision/ Date _____ Analyst: _____					
Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____					
If samples were not analyzed within 2 hours, were they cooled to 6°C, preserved to a pH<2, and held for not longer than 28 days?	40 CFR 136 5520 A 3				
Were samples never preserved with chloroform or sodium benzoate?	5220 A 3				
Were samples collected in glass containers?	5520 A 3				
Were glass sample containers washed with soap, rinsed with water, and finally either rinsed with solvent or baked at 200-250°C for at least 1 hour?	5520 A 3				
Were sample containers never overfilled, and were samples never subdivided in the laboratory?	5520 A 3				
Were ether or hexane used never exposed to plastic tubing?	5520 B 3 b				
Were initial volumes of samples brought into the laboratory accurately determined?	5520 B 4				
Were sample containers rinsed with solvent after sample transfer to separatory funnels?	5520 B 4				
Were separatory funnels containing solvent mixture and sample shaken vigorously for 2 minutes?	5520 B 4				
Were organic solvent layers drained through filter papers with anhydrous sodium sulfate into a clean, tared distilling flask?	5520 B 4				
Were organic solvent layers centrifuged and drained through sodium sulfate and filter papers if they were not clear and a >5 mL emulsion layer existed?	5520 B 4				
Notes/Comments:					

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Were clear organic solvent layer portions drained through filter papers and sodium sulfate again if a <5 mL emulsion layer existed?	5520 B 4				
Were aqueous portions, solid portions, and emulsions of samples extracted twice more?	5520 B 4				
Were the three extracts and final rinsings of sodium sulfate/filter paper funnels combined in a tared distilling flask?	5520 B 4				
Was solvent distilled from flask at 85°C in water bath?	5520 B 4				
Was flask removed from the water bath when visible condensation of solvent ceased?	5520 B 4				
Was the outside of sample flask allowed to dry adequately after removal from bath?	5520 B 4				
Was air drawn through sample flask for 1 minute after flask was removed from water bath?	5520 B 4				
Was sample flask allowed to cool adequately before weighing?	5520 B 4				
Were calculations done correctly to relate the weight of the residue to the volume of sample brought in ?	5520 B 4				
Notes/Comments:					